

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	7678096
<b>Application Number:</b>	10087441
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6649
<b>Title of Invention:</b>	Models and methods for determining systemic properties of regulated reaction networks
<b>First Named Inventor/Applicant Name:</b>	Bernhard O. Palsson
<b>Customer Number:</b>	28213
<b>Filer:</b>	Antony M. Novom
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	UCSD1330-2
<b>Receipt Date:</b>	26-MAY-2010
<b>Filing Date:</b>	01-MAR-2002
<b>Time Stamp:</b>	14:02:05
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
1	NPL Documents	Blattner_1997_Complete_Genome_Sequence.pdf	2046494 7094f557795dba09cc867028567667f49d 439ca	no	10

### Warnings:

### Information:

2	NPL Documents	Bochner_2003_New_Technologies.pdf	795002 fa2bab279912779122c0d06d77d77f4e300 3238c	no	6
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**Warnings:**

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3	NPL Documents	Boles_1997_Characterzation_of_a.pdf	342032 24c608a889edff68f81ed4cae370c66530485 5286	no	7
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4	NPL Documents	Boles_1998_Identification.pdf	225286 f3718824f929b0a80d8b3e03b92968cdf487 46e4	no	8
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5	NPL Documents	Bonarius_1997_Flux_analysis_of.pdf	1008271 a38b2afe4414d07b8b406aaddcb46ac3b30c c89f3	no	7
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6	NPL Documents	Bottomley_1996_Cloning_Sequencing.pdf	655430 4f6f2a36a02553bed8485d8702e474001e3 6c8b4	no	7
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7	NPL Documents	Burgard_2001_Probing_the_Performance.pdf	929885 b1295bf0fbcd163ad381f428ceb98b433c2a 540a	no	10
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8	NPL Documents	Burgard_2001_Review_of_Ezymes.pdf	187839 66890297d099d85b154c892d182d0ba054 71758a	no	2
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9	NPL Documents	Boles_1994_A_family_of.pdf	1405038 d4cd0afcd600ea9b6ea9090ad383236e477 6e5b	no	14
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10	NPL Documents	Bonarius_1996_Metabolic_Flux.pdf	1862039 aba4d0dc3b3835e6d5d5a7bf7548b781a78 2d0f2	no	20
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11	NPL Documents	Bono_1998_Reconstruction_of_Amino.pdf	662973 a03c8895e80d4d73ece442f6c3a8eee200ee a4bc	no	9
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12	NPL Documents	Bourot_1995_Isolation_and.pdf	561387 ffeb0e4c3d2111687f4e13c51f0acca65e9bf e53	no	6
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13	NPL Documents	Burgard_2001_Minimal_Reaction.pdf	729927 676fcbb172a81904b4a1f974b751d1b50073 6255e	no	7
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14	NPL Documents	Burgard_2003_Optknock_A_Bilevel.pdf	786264 c4743b8e958c1b70f05d6ca371881ef4b4 39c4d	no	9
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15	NPL Documents	Burns_1995_Acetyl_CoA.pdf	956190 91f79fa115a15f2425936005b7e52318bd29 f205	no	6
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16	NPL Documents	Carrier_1999_Investing_Autocatalytic.pdf	4217651 95ffd0412f71d88a3588f03af4636551e57a8 7e9	no	12
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18	NPL Documents	Chadha_1995_Simultaneous.pdf	285221 4748de24fd0d641a54a99feb543092145401 1a54	no	5
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19	NPL Documents	Chalker_2001_Systematic_Identification.pdf	146098 5ad4f72405ca084532bd6b77e48fce6a1e00 4382	no	10
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20	NPL Documents	Chartrain_CurrOpinbiotechnol 2000.pdf	102299 28ba9ceae30faa9593e2d8bb85abf6c42528 f23a	no	6
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21	NPL Documents	Chen_1999_Characterization_r espiratory.pdf	192898 647aafc042cf5eb1c60c1e4887cb3ccba75 a07f	no	6
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22	NPL Documents	Christensen_1999_Meabolic_A nalysis.pdf	259724 a3366daf5e473fbabef1a02825a144b566e9 7bc3	no	23
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23	NPL Documents	Cherry_1998_Saccharomyces_ Genome.pdf	871948 d3b85e0c526d9a4f441345d5b437ac76645 e53a0	no	7
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24	NPL Documents	Ciriacy_1979_Physiological_Eff ects.pdf	1535022 9a75b9dfa36d8b969adb1b5634c73d9845a 85bfa	no	9
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25	NPL Documents	Clarke_Stability_of_Complex. pdf	10298041 bc299cb6468d5a435a89cafe96c0d8ce31f 6718	no	125
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26	NPL Documents	Clarke_1981_Complete_set_of. pdf	874881 dd7562cffb91526857387f2837a19e7f2617 4870	no	10
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27	NPL Documents	Clarke_1988_Stoichiometric_N etwork.pdf	1008713 24f0359f2f7c42e5a6a608f0e92c29dd2a1d 207c	no	17
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28	NPL Documents	Compan_1994_Anaerobic_acti vation.pdf	4010449 f5fb05edd277e2886a68c1b3ebb8475ea9 4dd94	no	11
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29	NPL Documents	Clifton_1982_Mutant_studies.pdf	1140746 6ce1d6472886f3534e943551e7937c0dbc2cdde	no	8
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30	NPL Documents	Clifton_1978_Glycolysis_Mutants.pdf	677985 18b1ebd802d1e6b94bffa8292d7f88c010b775fa	no	11
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31	NPL Documents	Costanzo_2001_Model_organism.pdf	425310 b0cea9e5b08f4c4c3bce917db7eb9ad9cc32ed0a	no	5
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32	NPL Documents	Cover_1996_heliobacter_pylori.pdf	2571202 10223ee1a0be1dd87d5d12b43ba3dc9809cf93	no	33
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33	NPL Documents	Cotter_1997_Aerobic_regulation.pdf	987009 e838d457f7dfa945a8ec67771379c15ecteed17	no	11
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34	NPL Documents	Covert_2003_Constraints.pdf	1543347 366711c72e8149840cf4a57b7e05f3fa22dd2ad0	no	17
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35	NPL Documents	Covert_2002_Transcriptional_Regulation.pdf	936698 7e7cdb54a35b555a74822cb088c4ffcc01a642af	no	7
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36	NPL Documents	Cupp_1992_Cloning.pdf	961638 849e713da753fe435f7f42151edee0e81356be59	no	7
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37	NPL Documents	Dhaeseleer_2000_Genetic_network.pdf	2224733 52c5daaa00dcad374af862450648980be9d7b162	no	20
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38	NPL Documents	Dafoe_1993_Proceedings.pdf	482802 a225ffaf7dd45e409d51e2fec295242cad08 d56c	no	7
<b>Warnings:</b>					
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39	NPL Documents	Danchin_1997_Comparison_Between.pdf	1031008 78cd3b2ea14bac4797f5bcf2ad214436e8 6d624	no	10
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40	NPL Documents	Dandekar_1999_Pathway_alignment.pdf	161443 e4346dcbe1d406bea448a1a46c6d3ab7c00 b72f2	no	10
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42	NPL Documents	Datsenko_2000_One-Step_inactivation.pdf	521394 8eb16f7c5e5a84a82669d63f6d8dfb7a459a 7df6	no	6
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43	NPL Documents	Daum_1998_Biochemistry_Cell_Biology.pdf	509473 39d20fa8b601effdb89dc15ea89d01c73293 c545	no	40
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44	NPL Documents	Daum_1999_Systematic_Analysis.pdf	334013 eb31b4d7797589080c68f2a4b32f32e4a49 9d7fa	no	14
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				52503650	

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.